

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1                    1.        (Currently Amended) A device for mobile use as a readily  
2 portable device for intermittent compression of human extremities for assisting  
3 the return of body fluid in the direction of the heart, said device comprising a cuff  
4 to be applied to an extremity and a miniature pressure generator for intermittent  
5 pressurization of the cuff, wherein said miniature pressure generator is secured  
6 directly to the cuff or secured to the body or secured to clothing and pressurizes  
7 said cuff with an overpressure, compared to atmospheric pressure, in a range  
8 between 20 mm Hg and 100 mm Hg, wherein said cuff has, in the direction of  
9 return, a width of at most 25-~~cm~~ centimeters and is configured as a single-  
10 chamber system.

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1                    2.        (Previously Amended) The device as set forth in claim 1,  
2 wherein said cuff corresponds to a cuff as used for blood pressure  
3 measurements.

1                    3.        (Previously Amended) The device as set forth in claim 1,  
2 wherein said pressure generator is a roller pump.

1                    4.        (Currently Amended) The device as set forth in claim 1  
2 further comprising a pressure control means, which connects a cuff chamber  
3 defined by said cuff to the atmosphere when the a pressure therein exceeds a  
4 predefined overpressure, compared to atmospheric pressure.

1                    5.        (Previously Amended) The device as set forth in claim 4,  
2 wherein said pressure control means comprises an outlet valve forming an  
3 overpressure outlet for said cuff, said overpressure outlet being open, except  
4 when said pressure generator pressurizes said cuff.

1                    6.        (Previously Amended) The device as set forth in claim 4,  
2 wherein said pressure control means comprises a restrictor in a conduit between

3 said pressure generator and said cuff, and an outlet valve with a stopper, which,  
4 in a first position, releases an outlet to the atmosphere, and, in a second  
5 position, blocks said outlet, said stopper assuming these positions as a function  
6 of the difference in pressure between an inlet and an outlet of said restrictor.

1 7. (Previously Amended) The device as set forth in claim 1  
2 further comprising a controller which switches said pressure generator ON/OFF,  
3 thereby pressurizing said cuff with a defined or definable pressure amplitude and  
4 a defined or definable repetition frequency.

1 8. (Currently Amended) The device as set forth in claim 7,  
2 wherein said controller is designed to vary at least one of said pressure amplitude  
3 ~~and/or~~ and said repetition frequency.

1 9. (Currently Amended) The device as set forth in claim 1,  
2 wherein ~~a measured~~ the overpressure of said cuff, compared to atmospheric  
3 pressure, ranges between ~~20-25~~ mm Hg and ~~100-80~~ mm Hg.

1 10. (Currently Amended) The device as set forth in claim 1,  
2 wherein said cuff is pressurized 1 to 10 times per ~~min~~ minute.

1 11. (Currently Amended) The device as set forth in claim 1,  
2 wherein, said cuff is pressurized 1 to 15 times per ~~5-min~~ minutes.

1 12. (Previously Amended) The device as set forth in claim 1  
2 further comprising means for uncoupling said pressure generator from said cuff.

1 13. (Currently Amended) ~~Use of a device~~ A method of  
2 stimulating the flow of body fluid comprising a cuff to be applied to an extremity,  
3 and a miniature pressure generator for intermittent pressurization of said cuff,  
4 wherein said miniature pressure generator is secured directly to the cuff or  
5 secured to the body or secured to clothing and pressurizes said cuff with an  
6 overpressure, compared to atmospheric pressure, in a range between 20 mm Hg  
7 and 100 mm Hg, said cuff comprising, in the direction of return of body fluid in  
8 the direction of the heart, a width ~~(B)~~ of maximally 25cm centimeters, and being

9 configured as a single-chamber system, as a readily transportable device for  
10 intermittent compression of human extremities for assisting the return of body  
11 fluids.

1 14. (Currently Amended) A method for stimulating the flow of  
2 body fluid comprising the steps of:

3 applying a cuff to an extremity, wherein said cuff has a width of at  
4 most 25-~~cm~~ centimeters and is configured as a single-chamber system; and

5 intermittently pressurizing said cuff by a miniature pressure  
6 generator, wherein said miniature pressure generator is secured directly to the  
7 cuff or secured to the body or secured to clothing and pressurizes said cuff with  
8 an overpressure, compared to atmospheric pressure, in a range between 20 mm  
9 Hg and 100 mm Hg.

1 15. (Previously Added) The method as set forth in claim 14,  
2 wherein the step of intermittently pressurizing said cuff comprises a controller  
3 actuating a pressure generator to pressurize said cuff with a defined or definable  
4 pressure amplitude and a defined or definable repetition frequency.

1 16. (Currently Amended) The method as set forth in claim 15,  
2 wherein said controller varies at least one of said pressure amplitude and/or and  
3 said repetition frequency.

1 17. (Currently Amended) The method as set forth in claim 14,  
2 wherein the step of intermittently pressurizing said cuff comprises pressurizing  
3 said cuff 1 to 10 times per ~~min~~ minute.

1 18. (Currently Amended) The device as set forth in claim 14,  
2 wherein the step of intermittently pressurizing said cuff comprises pressurizing  
3 said cuff 1 to 15 times per 5-~~min~~ minutes.

1 19. (Newly Added) A device for mobile use as a readily portable  
2 device for intermittent compression of human extremities for assisting the return

3 of body fluid in the direction of the heart, said device comprising a cuff to be  
4 applied to an extremity, a miniature pressure generator for intermittent  
5 pressurization of the cuff, wherein said miniature pressure generator is secured  
6 directly to the cuff or secured to the body or secured to clothing, and a pressure  
7 control means, which connects a cuff chamber defined by said cuff to the  
8 atmosphere when the pressure in said cuff chamber exceeds a predefined  
9 overpressure, wherein said cuff has, in the direction of return, a width of at most  
10 25 centimeters and is configured as a single-chamber system.

1                   20. (Newly Added) The device as set forth in claim 1, wherein  
2 said miniature pressure generator is secured directly to the cuff.

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1                   21. (Newly Added) The device as set forth in claim 1, wherein  
2 said miniature pressure generator is secured to a suitable location on the  
3 clothing.

1                   22. (Newly Added) The device as set forth in claim 1, wherein  
2 said miniature pressure generator is secured to a suitable location on the body.

1                   23. (Newly Added) The device as set forth in claim 20 further  
2 comprising a velcro fastener for directly securing said miniature pressure  
3 generator to the cuff.

1                   24. (Newly Added) The device as set forth in claim 20, wherein  
2 said miniature pressure generator is accommodated in a pouch on the outside of  
3 the cuff.

1                   25. (Newly Added) The device as set forth in claim 21 further  
2 comprising an elastic band with a velcro fastener for securing said miniature  
3 pressure generator to the clothing.

1                   26. (Newly Added) The device as set forth in claim 22 further  
2 comprising an elastic band with a velcro fastener for securing said miniature  
3 pressure generator to the body.

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- 1                    27. (Newly Added) The device as set forth in claim 9, wherein  
2   the overpressure of said cuff, compared to atmospheric pressure, ranges  
3   between 40 mm Hg and 60 mm Hg.
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